FIG. 4 200 CONNECTING SUCTION PORTS TO CHEMICAL TOTES USING SUCTION CONDUITS 204 PRIMING UP SUCTION CONDUITS CONNECTED TO SUCTION PORTS BY OPENING CHEMICAL TOTE VALVES CONNECTED IN SERIES TO CHEMICAL TOTES 208 PRIMING UP DISCHARGE CONDUITS CONNECTED TO DISCHARGE PORTS BY PLACING DISCHARGE CONDUITS INTO AN EMPTY BUCKET AND PRIMING EACH PUMP WITH CONNECTED SUCTION AND DISCHARGE CONDUITS WITH HYDROSTATIC PRESSURE 209 ALLOWING THE BUCKET TO PARTIALLY FILL 212 REMOVING EACH DISCHARGE CONDUIT FROM A PARTIALLY FILLED BUCKET 216 CONNECTING EACH DISCHARGE CONDUIT TO A MANIFOLD 220 SEQUENTIALLY STARTING OPERATION OF EACH PUMP AND INITIATING CHEMICAL FLOW FROM THE CHEMICAL TOTES SIMULTANEOUSLY 224 MONITORING EACH PUMP FOR FLOW RATE CHANGES, FLOW BLOCKAGES AND ELECTRICAL FAULTS MODIFYING PUMP FLOW RATES WHEN PUMP FLOW RATES RISE ABOVE OR 228 FALL BELOW PRESET LIMITS DUE TO FLOW RATE CHANGES, FLOW **BLOCKAGES AND ELECTRICAL FAULTS** 232 MEASURING AN AMOUNT OF CHEMICAL REMOVED FROM EACH CHEMICAL TOTE AT PRESET TIME PERIODS DURING OPERATION OF THE PUMPS 236 COMPARING REMOVED CHEMICAL FROM EACH CHEMICAL TOTE TO EXPECTED QUANTITIES OF REMOVED CHEMICAL DURING OPERATION